

User's Guide

DIGITAL SATELLITE RECEIVER

★ **FORTEC STAR®**

Since 1994



FS-4200

DIGITAL SATELLITE RECEIVER

WARNING

If the battery is fixed or packed, it should not be exposed to excessive heat like, Sunlight or Fire etc....

The connection to the device must have ON / OFF Switch for easy operation.

تحذير

البطاريات سواء كانت مركبة او محزمه يجب الا تتعرض للحرارة الزائد مثل اشعه الشمس او النار وماشابه ذلك

قابض مصدر الكهرباء الرئيسي او قارن الجهاز كاداه الفصل يجب ان يبقى جاهز لامكانيه التشغيل

GENERAL INFORMATION

A Digital Satellite Receiver is a convenient product that allows you to view a variety of programs provided through satellite. This user's guide covers the installation of the DSR and the necessary steps to implement various features. This also explains special features available only in this DSR in detail, which will allow you to make full of these feature.

Information confirmed in this document is subject to change. We reserves the right, without notice, to make change in product design or performances as progress in engineering or technology.

Main Features

- MPEG-2 digital & fully DVB-S compliant
- SCPC and MCPC receivable from C/Kuband satellite
- Automatic PAL/NTSC conversion
- 2500 channels TV and Radio programmable
- 6 different favorite groups selection
- On Screen Display with multi-language
- Picture in Graphics(PIG) support
- 256 colors On Screen Display
- DiSEqC 1.0 fully support, 13/18V, 0/22K
- Various channel editing function(favorite, add and delete)
- Plug and Play installation, with an ease to use Menu System
- Software upgrades through RS232 port and Receiver to receiver
- Automatic save for last channel

GENERAL INFORMATION

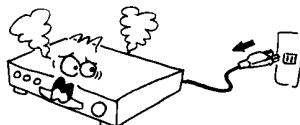
For Your Safety



- To avoid electric-shock hazards, do not open the cabinet, refer servicing to qualified personnel only.



- Do not expose the receiver under the sunlight. And keep it away from the heat source.



- When the abnormal phenomenon occur, you should cut off the power immediately.



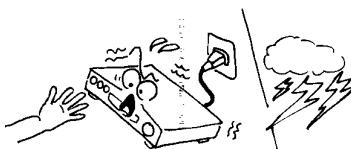
- Switch the receiver off whenever it remains out of service for an extended period.



- Keep the receiver away from flower vases, tubs, sinks, etc., in order to avoid damaging the equipment.



- Do not block ventilation holes of the Receiver so that air can circulate freely.



- Do not touch the receiver during thunder, since that might create electric-shock hazards.



- Be sure to turn the Receiver off and disconnect the AC power cord before cleaning the Receiver surface. If the surface is dirty, wipe clean with a cloth which has been dipped in a weak soap-and-water solution and wrung out thoroughly, and then wipe again with a dry cloth.

GENERAL INFORMATION

RCU



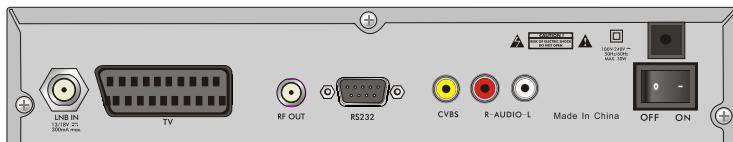
Key	Function
Power	Turns power ON/OFF of the DSR
Mute	When watching a channel, mute the sound
0~9	Enter number of the required menuitem or select a channel number to watch
TV/RADIO	Switches between TV and Radio mode
← PR	Switches back to previous channel
FAV	Display the favorite group list
INFO	Show information of the current channel
MENU	Press this key one time to run menu onscreen
▲ ▼	Moves up /down a page in the list
OK, LIST	Executes the selected item in the menu screen or enters the desired value in any input mode
PR+, PR-	When watching a channel, change channels or move to the next higher or lower item in the menu
◀ ▶	When watching a channel, adjust the volume or move to the left or right item in the menu
EXIT	Return to the previous menu on the menu screen or escape from the menu
Speaker L R	Display the Audio window.
PAUSE	Press once to pause the screen picture, press once again to go to the normal mode
■ ■	Enter into the nine-pictures mode displayed on the screen.
SAT	Display the satellite list

GENERAL INFORMATION

Name and Function of Each Part on the Front Panel(optional)



Name and Function of Each Part on the Rear Panel(optional)



1. **LNB IN:** CONNECT TO SATELLITE ANTENNA
2. **AUDIO(R)/AUDIO(L):**CONNECT TO AUDIO R/L TO TV OR AUDIO TUNER
3. **RF OUT:** CONNECT TO TV ANTENNAOUTPUT
4. **RS 232:**CONNECT TO APC FOR S/W UPGRADE
5. **TV:** CONNECT TO TV USING ASCART CABLE
6. **CVBS:** COMPOSITE VIDEO BROADCAST SIGNAL

Connection and Installation of System

1. Connection of Satellite Antenna and Integrate Receiver Decoder

The satellite antenna cable with F adapter is connected to SAT ANT Interminal of integrated receiver decoder and is screwed tightly.

2. Connection of Integrated Receiver Decoder and Television

Watch by Video/Audio Signal: connect video/audio input interface of television to VIDEO, AUDIO(L/R) interface of integrated receiver decoder using video/audio cable.

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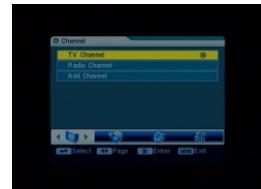
Main Menu

- Make sure that you have properly installed and connected the cables of the receiver well. If the receiver is the factory status or there is no program list, when power on, the Main Menu window will be displayed on the screen.

During the normal TV/Radio mode, press **MENU** key on the RCU to enter into the **Main Menu** window.

- This menu consists of 4 major main menus as follow.

- **Channel**
- **Satellite**
- **System**
- **Tools**



- During the installation the **OK** key confirms a selection and **LIST** key shows Down List Box if the column has **◀ ▶** mark. You can also use the numeric keys on the RCU to enter numeric value.

Use the **PR+, PR-** key to move upwards and downwards from one line to another line and use **□ □⁺** key to move from main menu to sub menu and move from left side to right side or versa.

Meantime, you want to escape the menu system, please press **MENU** or **EXIT** key on the RCU.

- If there is no program, you can not exit from the **Main Menu** window by pressing **MENU** or **EXIT** key. System will inform "No channel" and the following items turn grey.

1. Channel

- 1) Press menu key on the RCU to enter Channel list.
- 2) Press **PR+, PR-** keys to move the cursor up or down.
- 3) Press **□⁺** key to move the focus to the left menu.



1.1 TV Channel

- 1) Press SAT key, then press **□ □⁺** keys to select satellite.
- 2) Press **PR+, PR-** keys to select the program that you want to play, and then press **OK** key to view it in the small window.



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Please input password which is 0000 when you want to do the operation as below.

1) Press number key 1 to enter Delete window. Select the program and press OK key to mark this program with the deletion mark. You can cancel this mark by pressing OK key again.

Press **EXIT** key to pop up the dialogue "Are you sure to save?". Select Yes button and press **OK** key to save, or select NO button and press **OK** key to exit without saving.



2) Press number key 5 to enter the Delete all window. All channels will be marked with the deletion mark.

Press **EXIT** key to pop up the dialogue "Are you sure to save?". Select Yes button and press **OK** key to save, or select NO button and press **OK** key to exit without saving.



3) Press number key 2 to mark the program you selected with the Move mark.

Then, you can move the selected channel to the position where you want to place it by press [Up/Down] key. And press [OK] key to confirm your decision.



4) Press number key 3 to enter the FAV list. There are six FAV groups. In the list, select the group that you want to add into and press **OK** key, and then you will find the favourite mark is displayed at the right side of the selected program.



5) Press number key 4 to enter the Channel window. You can know information about the program you selected in this window.



6) Press number key 6 to enter sort window.

A-Z Key: The ascending order, omitting the \$ character, the number is ahead, then the capital letter, at last the lowercase.

Z-A Key: The opposite order of the above Name (A-Z).

Free/Scramble: All FTA programs are listed ahead, while all scrambled programs are listed last.



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7) Press number key 8 to assign the selected channel with lock mark.



1.2 Radio Channel

The same operation as **1.1 TV Channel**, here we don't explain any more.

1.3 Add Channel

Satellite: Press $\square \triangleleft \triangleright$ keys to select in circle.

TP: Press $\square \triangleleft \triangleright$ keys to select proper TP.

TP Frequency, Symbol Rate: Use numeric keys to input the proper value.

Polarity: Select between H and V.

Search: Turn gray, you can not edit it.

Edit Satellite: Turn gray, you can not edit it.

Add TP: Press OK key enter the Add TP.



Delete TP: Press OK key enter the Delete TP, The dialogue "Sure to delete?" Select OK button and press OK key to delete, or select cancel button and press OK key to cancel.

2. Satellite

1) Press **PR+, PR-** keys to move the cursor up or down.

2) Press $\triangleleft \triangleright$ key to move the focus to the left menu.



2.1 Add Satellite

Satellite: Press OK key enter to the rename. In this option, you can input new satellite .

LNB Type: Select your LNB Type. If you have universal LNB, select Universal.

Freq1: Press $\square \triangleleft \triangleright$ key to select Freq1.



LNB Power, 22K, DiSEqC: you can press $\square \triangleleft \triangleright$ keys to select in circle.

2.2 Edit Satellite

Satellite: Press OK key enter the rename. In this option, you can input new satellite .

LNB Type: Select your LNB Type among universal, standard and user. If you have universal LNB, select Universal.

Freq1: Press $\square \triangleleft \triangleright$ key to select.



LNB Power, 22K, DiSEqC, Positioner: you can press $\square \triangleleft \triangleright$ keys to select in circle.

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2.3 Delete Satellite

In delete satellite window, Select the program and press OK key to mark this program with the deletion mark. You can cancel this mark by pressing ok key again.

Press EXIT key to pop up the dialogue "Are you sure to save?" Select OK button and press OK key to save, or select Cancel button and press OK key to exit without saving.



2.4 Auto Scan

When you enter Auto Scan menu, the screen will display as below.

Satellite: Press $\square \triangleleft \triangleright$ key to choose the satellite.

Search: Press $\square \triangleleft \triangleright$ key to select between FREE and ALL.

Edit Satellite: Operation same as 2.2

Press EXIT or MENU key to exit this menu.



2.5 NIT Search

Satellite: Press $\square \triangleleft \triangleright$ keys to select in circle.

TP: Press $\square \triangleleft \triangleright$ keys to select proper TP.

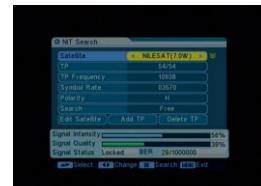
TP Frequency, Symbol Rate: Use numeric keys to input the proper value.

Polarity: Select between H and V.

Search: Select between All and Free.

Edit Satellite: Operation same as 2.1.

Add TP: Press OK key enter the Add TP.



Satellite: Press $\square \triangleleft \triangleright$ keys to select in circle.

TP: Press $\square \triangleleft \triangleright$ keys to select proper TP.

TP Frequency, Symbol Rate: Use numeric keys to input the proper value.

Polarity: Select between H and V.

Search: Turn gray, you can not edit it.

Edit Satellite: Turn gray, you can not edit it.

Save: Press OK key on save button to save.

Cancel: Press OK key on cancel button to quit without saving.

Delete TP: Press OK key enter the Delete TP, The dialogue "Sure to delete?" Select OK button and press OK key to delete, or select cancel button and press OK key to cancel.



2.6 Satellite Search

Satellite: Press $\square \triangleleft \triangleright$ keys to select in circle.

Search: Select between All and Free.

Edit Satellite: Operation same as 2.2.

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2.7 PID Search

Satellite: Press $\square \swarrow \uparrow \downarrow$ keys to select in circle.

TP: Press $\square \swarrow \uparrow \downarrow$ keys to select proper TP.

TP Frequency, Symbol Rate, VideoPID, Audio PID, PCR

PID: Use numerickeys to inputthe proper value.

Polarity: Select between H and V.

Press OK key at the Search channel.

Edit Satellite: Operation sameas 2.1.



3. System

2) Press PR+, PR- keys to move the cursor upor down.

3) Press $\square \swarrow \uparrow \downarrow$ key to move the focus to the left menu.



3.1 Language

1) Press OKkey to enter into the Language window. Press $\square \swarrow \uparrow \downarrow$ keys to selectthe language incircle.

2) Press MENUkey or EXITkey to exit.



3.2 TV System

1) Press OKkey to enter into the TV System window. Press $\square \swarrow \uparrow \downarrow$ keys to selectamong AUTO, PAL, NTSC.

2) Press MENUkey or EXITkey to exit.



3.3 RF Channel

Press OK key to enter into the RF Channel window. Press keys to selectthe RF incircle, while pressPR+,PR-, $\square \swarrow \uparrow \downarrow$ keys to move the cursor up or down incircle.

1)RF System: Select among NTSC, PAL-B/G, PAL-I, PAL-D/K.

2)RF Channel: Under the NTSC condition, you can select between 14-83.PAL:21-69.



3.4 Auto Shut Down

Press OK key to enter into the Auto Shut Down. And enter the proper Auto Shut Down referring to your using numeric key on the RCU.

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3.5 OSD Setting

Transparency: Press $\triangle \square \swarrow \searrow$ keys to select among 0%, 15%, 30%, 40%, 50%, 60%, 70%, 80%. The default option is 15%.



3.6 Default Value

Please input password which is 0000 when you want to do the operation us below.

Select OK button and press OK key to return to the load default. All searches channels and set information will be erased.

Select Cannel button and press OK key to cancel this operation, or press MENU or EXIT key to cancel and exit.



3.7 Parent Lock Setup

Before entering into the Parent Lock Setup window, you need input the correct password. The default password is 0000.

Menu Lock: Press $\triangle \square \swarrow \searrow$ keys to select between YES and NO.



Channel Lock: Press $\triangle \square \swarrow \searrow$ keys to select between YES and NO.

New Password: User numeric key (0-9) to input the new password.

Confirm Password: Input the new password again. Confirm password must be the same as the new password. System will inform you change password successfully!

While they are the same, or inform you to input the password of Confirm password once again when they are not the same.

4. Tools

- 1) Press menu key on the RCU to enter Tools list.
- 2) Press $\square \swarrow \searrow$ key to move the focus to the left menu.
- 3) Press **PR+, PR-** keys to move the cursor up or down.



4.1 Information

Press **INFO** key to the Information window.

4.2 Satellite Guide

Press **OK** key to the Satellite Guide window.



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4.3 Software Upgrade

Please input password which is 0000 when you want to do the operation us below.

Upgrade Mode: Press $\triangleleft \triangleright$ keys to select among All, Code, Logo, Program List. The default option is All.

Press OK key at the start button to start checking serial port.



5. Hot Key

5.1 Number

Use the **numeric keys (0-9)** to input the number of the desired channel. If the inputted number is beyond the valid channel number, system will "Invalid number" and press **OK** key to close this message.

5.2 TV/RADIO

In normal mode, press **TV/RADIO** key to switch between TV mode and Radio mode.

5.3 Up/Down (Channel Change)

Press **PR+**, **PR-** keys to change the channel up or down. If in the all satellites group, you can select channel in all searched channels. If in the specific satellite, only can select channel in the satellite group.

5.4 Left/Right (Volume+/-)

Press $\triangleleft \triangleright$ keys to change the volume. Press \triangleleft keys to decrease the volume by step 1, while press \triangleright keys to add the volume by step 1.

5.5 Mute

Press \times key to close the volume. You can press \times key once again to restore the volume, or press $\triangleleft \triangleright$ keys to open the volume.

5.6 Pause

During the viewing, you can press **PAUSE** key to stop the picture while the volume continues. You can play the picture by pressing **PAUSE** key once again.

5.7 OK

1. During the viewing or listening, press **OK** key to pop up the TV program list or the Radio programlist.
2. Press **PR+, PR-** keys to select the channel up or down, and then press **OK** key to play this channel in full-screen.
3. Press $\triangleleft \triangleright$ keys to select the satellite.
4. Press **MENU** or **EXIT** key to close this window.



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5.8 Audio

1. Press **OK** key to enter into the Audio window.
2. Press **←→** keys to select between Left, Right and Stereo.
3. Changing the audio mode is only connected with the current channel, not all the channels.
4. Press **MENU** or **EXIT** key to close this window.



5.9 Recall

Press **←PR** key to switch the current channel to the previous channel.

5.10 Info

Press **INFO** key to enter into the information window.

5.11 FAV

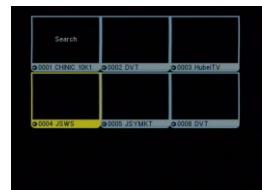
1. Press **FAV** key to pop up the favourite group window.
2. Press **←→** keys to select the favorite group. Press **PR+**, **PR-** keys to select the channel up or down.. Press **OK** key at the selected channel to view it in full-screen. Press **MENU** or **EXIT** key to exit.
3. If there is no favorite channel, system will inform " No FAV Channel!" when you press **FAV** key.



5.12 Multi-picture

Press **PIP** to pop up multi-picture on the screen.

If you want to select channel, use the **PR+**, **PR-**, **←→** key on the RCU to select a cell and press **OK** key to enter.



5.13 SAT

Press **SAT** key to enter TV channel menu directly.

The operation is the same as 1.1 **TV channel**.



TROUBLE SHOOTING

Problem	Possible causes	What to do
The display on the front panel does not light up.	Main cable is not connected.	Check that the main cable is plugged into the power socket.
No sound or picture, but the front panel shows red light.	The receiver is in standby mode.	Press the standby button.
No sound or picture.	The satellite dish is not pointing at the satellite. No signal or weak signal. The satellite dish is not pointing at the satellite. Signal is too strong.	Adjust the dish. Check the signal level in the Antenna Setup menu. Check the cable connections, LNB and other equipment connected between the LNB and the receiver, or adjust the dish. Adjust the dish. Connect a signal attenuator to the LNB input.
Bad picture /blocking error.	Satellite dish is too small. LNB noise factor too high. The LNB is faulty.	Change to a larger dish. Change to an LNB with lower noise factor. Change the LNB.
The picture is not showed on the screen, when switching on.	The system is connected by RF leads.	Check the UHF channel fixed in your system and tune the UHF channel properly.
There is interference on your digital satellite channels, an existing terrestrial channel or video signal.	The system is connected by RF leads and the output channel of the receiver interferes with an existing terrestrial channels or Video signal.	Change the receiver output channel to a more suitable channel, or connect the system by SCART leads.
The RCU is not working.	Battery exhausted. RCU is incorrectly aimed.	Change the batteries. Aim RCU at the receiver, or check that nothing blocks the front panel.

● **Note :** If you have tried all of the actions suggested above, without solving the problem, please contact your dealer or service provider.